

Converting Colors

YIQ(47.2080, 3.2510, 23.6910)

Have a look what the booklet for
YIQ(47.2080, 3.2510, 23.6910)
contains.

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Color

**YIQ(47.2080, 3.2510,
23.6910)**

Conversions

Conversions Part 1

Format	Color
Hex	411F54
RGB	65, 31, 84
RGB Percent	25%, 12%, 33%
CMY	0.7450, 0.8785, 0.6706
CMYK	0.23, 0.63, 0.00, 0.67
HSL	279°, 46%, 23%
HSV	279°, 63%, 33%
XYZ	4.2715, 2.7440, 8.6905
YIQ	47.2080, 3.2510, 23.6910

Conversions

Conversions Part 2

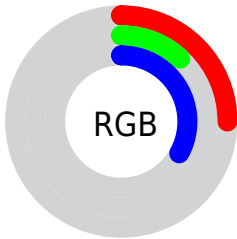
Format	Color
R_{YB}	65, 31, 84
Decimal	4267860
CIE Lab	18.99, 26.96, -25.79
CIE LCh	19, 37.304, 316.269
Yxy	2.7440, 0.2720, 0.1747
Android (android.graphics.Color)	4282457940 (0xFF411F54)
YUV	47.2080, 18.1385, 15.6036
Hunter-Lab	16.5651, 17.0390, -19.5098

Details

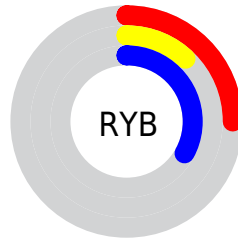
The YIQ color **47.2080, 3.2510, 23.6910** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **67.7920, -3.2510, -23.6910**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.8600, 4.3510, 25.7830**, and **11.3230, 1.1890, 17.0050** is the 20% darker color. If you saturate the color by 10%, you get **41.6150, 3.6630, 27.2390**, and if you desaturate by 10%, it is **52.8010, 2.8390, 20.1430**.

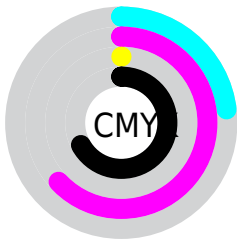
Distribution



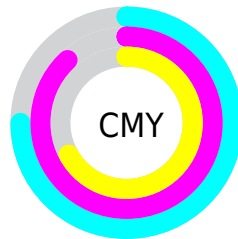
- Red (25%)
- Green (12%)
- Blue (33%)



- Red (25%)
- Yellow (12%)
- Blue (33%)



- Cyan (23%)
- Magenta (63%)
- Yellow (0%)
- Black (67%)



- Cyan (75%)
- Magenta (88%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.2080, 3.2510, 23.6910 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 47.2080, 3.2510, 23.6910 by changing the saturation by 10% instead.

47.2080, 3.2510,
23.6910

47.2080, 3.2510,
23.6910

255.0000, -0.0000,
-0.0000

24.4960, 2.3800,
22.9560

94.8600, 4.3510,
25.7830

11.3230, 1.1890,
17.0050

119.6860, 4.9010,
26.8290

2.4110, -5.4110,
4.4530

146.0990, 5.1760,
27.3520

0.0000, 0.0000,
0.0000


172.6260, 5.1300,
28.1860


200.1530, 5.0840,
29.0200


226.5140, 11.1370,


23.9450

 243.8470, 5.2250,
9.9370


 47.2080, 3.2510,
23.6910


 47.2080, 3.2510,
23.6910

 41.6150, 3.6630,
27.2390

 52.8010, 2.8390,
20.1430

 35.4350, 4.3500,
31.3100

 58.9810, 2.1520,
16.0720

 29.8420, 4.7620,
34.8580

 64.5740, 1.7400,
12.5240

 25.7220, 5.2200,
37.5720

 70.7540, 1.0530,
8.4530

 76.3470, 0.6410,
4.9050

■ 81.9400, 0.2290,
1.3570

■ 88.1200, -0.4580,
-2.7140

■ 93.7130, -0.8700,
-6.2620

■ 99.8930, -1.5570,
-10.3330

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



38.0110, -42.0910, 8.4130



47.2080, 3.2510, 23.6910



42.5440, 28.7880, 28.9480

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.2080, 3.2510, 23.6910



43.8120, 29.5280, -6.5040



41.0000, -35.5310, -11.3630

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



47.2080, 3.2510, 23.6910



67.7920, -3.2510, -23.6910

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.1070, -25.9470, -19.8590



47.2080, 3.2510, 23.6910



42.2180, 13.3450, -16.0870

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



47.2080, 3.2510, 23.6910



41.6060, 42.2720, 4.8320



34.4920, -11.2740, -26.9700



43.1490, -42.9600, -3.3760

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.2080, 3.2510, 23.6910



39.6390, 38.6460, 26.5020



34.4920, -11.2740, -26.9700



39.8600, -32.3210, -14.4730

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



47.2080, 3.2510, 23.6910



95.2810, 1.0070, 9.2870



48.1950, -22.2380, 6.5460



46.8740, 0.5950, 5.7390



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.2080, 3.2510, 23.6910



51.7220, 5.2200, 37.5720



52.0910, 16.8220, 25.5420



38.0540, -0.0920, 1.6680



32.0030, 6.2270, 46.8590



70.9990, 14.3320, 103.7400

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49.0130, 25.4890, 17.1450



54.5360, 40.4340, 27.1380



62.9090, -16.8220, -25.5420



38.3100, 2.0630, 1.1590



35.6130, 50.7030, 33.7670



78.8300, 111.6290, 74.9970

Previews

White Background



This preview shows how the YIQ color 47.2080, 3.2510, 23.6910 looks on a white background.

Color Contrast Check

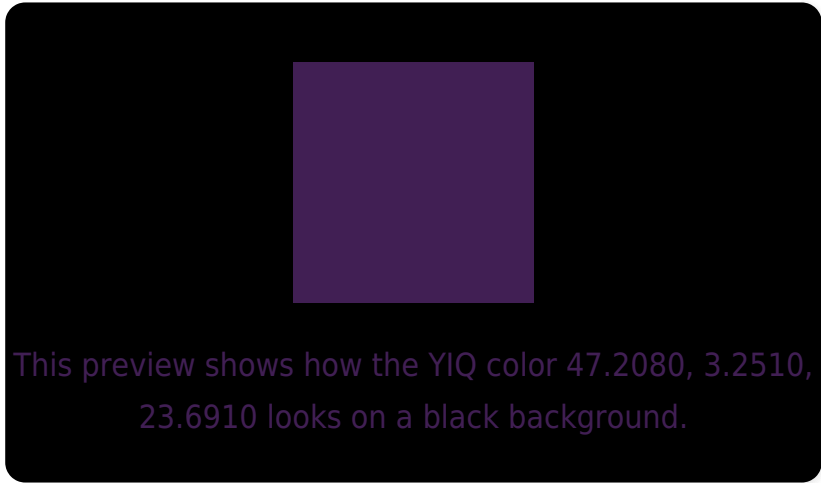
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

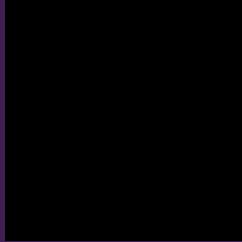
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 47.2080, 3.2510, 23.6910

Background



This preview shows how black text looks on a background with the YIQ color 47.2080, 3.2510, 23.6910.



This preview shows how white text looks on a background with the YIQ color 47.2080, 3.2510,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

47.2080, 3.2510, 23.6910

Protanopia

37.3590, -43.1910, 6.3210

Deuteranopia

43.1020, -26.4100, 5.0620



Tritanopia

47.5390, 8.8480, 4.8480

Trichromacy



Original Color

47.2080, 3.2510, 23.6910

Protanomaly

41.1440, -26.2280, 12.7800

Deuteranomaly

44.4780, -15.5450, 11.9030

Tritanomaly

47.3850, 6.6460, 11.7180

Monochromacy



Original Color

47.2080, 3.2510, 23.6910

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0530, 1.6490, 8.6650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.2080, 3.2510, 23.6910 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(65, 31, 84)` looks like.

```
.text, #text, p{  
    color:rgb(65, 31, 84)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(65, 31, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 31, 84) }
```

Border

The CSS property to change the border of an element to YIQ 47.2080, 3.2510, 23.6910 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(65, 31, 84) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(65, 31, 84) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(65, 31, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 31, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 31, 84);  
box-shadow:4px 4px 4px 4px rgb(65, 31, 84)  
}
```

Background

The CSS property to change the background color of an element to YIQ 47.2080, 3.2510, 23.6910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 31, 84) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(65, 31,  
84) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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